

LOOM SOLAR
अपना घर, अपनी बिजली



**CAML
BATTERY**

**MULTIPURPOSE
LITHIUM BATTERY**

Best battery for power backup solution for homes to get 24*7 electricity anytime in anywhere

FEATURES



01 FASTER CHARGING
2 - 4 HOURS

MAINTENANCE FREE
NO WATER TOP UP

02



03 LONGER LIFE
10 YEARS LIFE

LIGHT WEIGHT
1/4 LEAD ACID BATTERY

04



CAML Battery

Loom Solar has been Manufacturing CAML Batteries which are powered by Lithium cells. It is Portable, Long life and higher backup batteries. It is replacement of traditional lead acid which is used in Home inverter, Street Light and Portable Machines.

The Lithium Battery Cells used in this battery are also used in Electrical Vehicles such as Car, Motor Bike and Mobile Battery.



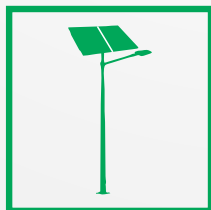
Lithium Battery

6 Ah (75 Wh) - 100 Ah (5,000 Wh)

Applications



Home Lighting
System



Street Light



Portable
Machine



Electric
Vehicle

SPECIFICATION

STANDARD

MODEL	CAML 612	CAML 1212	CAML 2012	CAML 3012	CAML 4012
Battery Capacity	75 Wh	150 Wh	250 Wh	385 Wh	500 Wh
Rating	6 Ah / 12.8 Volt	12 Ah / 12.8 Volt	20 Ah / 12.8 Volt	30 Ah / 12.8 Volt	40 Ah / 12.8 Volt
Technology	Lithium Phosphate				
Charging Time	4 Hours				
Cycle Life	More than 2000 times				

TECHNICAL

Charging/Discharging Current	5 Amps.	5 Amps.	10 Amps.	20 Amps.	20 Amps.
Operating Voltage	11.2 to 14.4 Volt				
Terminal Type	Thimbles				
Protections	Over Charge, Deep Discharge, Cell Balancing, Short - Circuit				
Type of cells	Cylindrical				
Operating Temperature	-10 to +65°C	-10 to +65°C	-10 to +65°C	-10 to +65°C	-10 to +65°C

PHYSICAL

Battery Weight	800 g	1.6 kg	1.8 kg	3.4 kg	4 kg
Overall Dimension (L*W*H)	100*90*70mm	160*75*80mm	150*100*100mm	170*180*80mm	267*77*176mm
Free Replacement	24 months	24 months	24 months	24 months	24 months
Price (MRP)	2,500	6,500	10,000	15,500	20,000

Inverter Battery



Loom developed high capacity Lithium batteries for Home Inverter, 100 Ah / 48volt 5000watt hour lithium battery comes with many features and 5 years warranty. This power storage runs everything such as Multiple lights up to 5000 watts, Many ceiling fans, and Home and Kitchen Appliances such as Television, Refrigerator, Water Motor, Geyser, Grinder, Juicer Machine, and many more up to the power of 4800 Watts.

Lithium battery is latest technology product in battery storage market, It has many advantages including

- 1) faster charging - battery gets charged 100% in just 2-4 hours
- 2) It is maintenance free
- 3) longer life - Compared to Lead acid and SMF, Lithium battery has 2,000 cyclic life which translates in 10 years useable life.
- 4) light weight - the weight of a lithium battery is 1/4th of Other comparable batteries such as SMF, lead acid batteries.

SPECIFICATION

STANDARD

MODEL	CAML 8012	CAML 8024	CAML 10048
Battery Capacity	1,000 Wh	2,000 Wh	4,800 Wh
Rating	80 Ah / 12.8 Volt	80 Ah / 25.6 Volt	100 Ah / 48 Volt
Technology	Lithium Phosphate		
Charging Time	4 Hours		
Cyclic Life	More than 2000 times		
Operating Temperature	-10 to +65°C	-10 to +65°C	-10 to +65°C

TECHNICAL

Charging / Discharging	20 Amps.	20 Amps.	50 Amps.
Operating Voltage	11.0 to 13.34 Volt	22 to 26 Volt	42 to 54 Volt
Terminal Type	Push-pull type connector		M8 type connector
Protection	Over Current & Over Voltage		
Type of cells	Prismatic		

PHYSICAL

Battery Weight	10 kg	18 kg	50 kg
Overall Dimension (L*W*H)	380*340*95mm	380*340*170mm	439*400*222mm
Price (MRP)	30,000	65,000	1,50,000